

1 Claims:

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3 1. An electronic distribution system for mass distribution of multimedia
4 simultaneously to numerous end users, comprising,

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6 (a) a memory device for storing multimedia as a plurality of data blocks;

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8 (b) a wireless transmitter associated with said source memory device for
9 transmitting said data blocks as a wireless data stream

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11 (c) a plurality of remote receivers, each remote receiver being associated with
12 one of a plurality of end users, said receivers receiving said wireless data
13 stream transmitted by said transmitter and outputting said data stream as an
14 electrical signal; and

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16 (d) a plurality of computing devices, each of said computing devices being
17 associated with a respective one of said receivers, each said computing device
18 comprising a local memory device, software being resident in said local
19 memory device, said software comprising instructions controlling the
20 processing of said data stream, each said remote receiver and its associated
21 computing device cooperating to convert said wireless data stream back into
22 said data blocks, said software being configured to store said data blocks in
23 said local memory device, and being further configured to provide end users
24 with access to said multimedia data.

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1 2. A system as in claim 1, wherein said wireless transmitter comprises a
2 satellite, and said source memory device is located on the surface of the earth
3 and is coupled to said satellite through the use of a wireless ground
4 transmitter.

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6 3. A system as in claim 1, wherein said data stream further comprises a listing
7 identifying each data block transmitted.

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9 4. A system as in claim 1, wherein said multimedia data comprises a
10 newspaper.

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12 5. A system as in claim 1, wherein said multimedia data comprises viewable
13 information having links to other information, said links being actuators for
14 providing the end user with access to the other information.

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16 6. A system as in claim 5, wherein said links are accessible over a wireless
17 system and /or through a computer network such as the Internet.

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19 7. A system as in claim 5, wherein said other information comprises data
20 stored in said local memory device.

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22 8. A system as in claim 5, wherein said other information comprises data
23 stored in a remote memory device, said remote memory device being part of
24 the infrastructure of a computer network.

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1 9. A system claim 1, wherein said multimedia comprises text and / or
2 photographs and / or video sequences and / or games and / or music and / or
3 animation, and said multimedia is compressed to reduce bandwidth
4 requirements.

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6 10. A system as in claim 1, wherein the contents of said multimedia data is
7 periodically updated through the transmission of substitute data blocks which
8 are substituted in memory for already transmitted data blocks having a
9 common identifier.

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11 11. A system as in claim 1, wherein computing devices associated with users
12 are periodically queried to ensure that data is well received.

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14 12. A system as in claim 1, wherein users are given the option of requesting
15 retransmission of a data block, and data blocks are transmitted when a
16 minimum number of user requests for retransmission of a data block are
17 received, said minimum number being determined by available bandwidth in
18 the electronic distribution system.

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20 13. A system as in claim 1, wherein the software configured to provide end
21 users with access to said multimedia data, searches for patterns in accessing of
22 said data by said end users to develop the user profile

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24 14. A system as in claim 13, wherein said user profile determines the
25 organization and / or content of information stored in accessible on a computer
26 associated with a particular end user.

1 15. A method of distributing multimedia data to a plurality of end users
2 simultaneously comprising:
3 (a) entering the multimedia data into a processing device;
4 (b) storing the multimedia data as individual data blocks in memory;
5 (c) creating a list identifying said data blocks in memory;
6 (d) transmitting said data blocks from memory as a data stream with a
7 wireless transmitter; and,
8 (e) checking said list and the received content of said data blocks to
9 determine which of said data blocks have been well received.

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11 16. A method as in claim 15, wherein said list and said received data block
12 content is checked after each data block is transmitted.

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14 17. A method as in claim 15, further comprising:
15 (f) transmitting any data blocks listed but not transmitted.

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17 18. A method as in claim 15, wherein said multimedia data comprises a
18 newspaper.

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20 19. A method of receiving multimedia data from a celestial transmitting
21 source, comprising:
22 (a) receiving, over a plurality of receivers, a wireless transmission of
23 data blocks as a data stream from the transmitting source;
24 (b) receiving a list identifying the data blocks transmitted;
25 (c) checking said list;
26 (d) processing said data blocks with a computer; and

1 (e) presenting said data blocks for viewing by a user using the
2 computer.

4 20. A method as in claim 19, wherein said presenting said data blocks for
5 viewing by a number of users simultaneously comprises:

6 (i) entering the multimedia data into processing device;

7 (ii) storing the multimedia data as individual data blocks in memory;

8 (iii) creating a list identifying said data blocks in memory; and

9 (iv) transmitting said data blocks from memory as a data stream with a

10 wireless transmitter.

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12 21. A method as in claim 19, wherein said list is checked after receiving each
13 data block.

14
15 22. A method as in claim 19, wherein said data blocks are presented in a
16 format corresponding to the operating system in the memory of the computer.

18 23. A method as in claim 20, further comprising:

19 (f) said presenting includes presentation of interactive multimedia data
20 and information having viewable links to a plurality of the interactive
21 multimedia data and information, said links being accessible to the user for
22 actuating the plurality of other interactive multimedia data and information,
23 said links each having individual identifiers

24 (g) recording the links accessed by said user;

1 (h) associating said recorded links with specific interest groups, said
2 specific interest groups being associated with the multimedia data and
3 information actuated by said user; and,

4 (i) categorizing and organizing said associated specific interest groups
5 to develop a profile of said users interests.

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7 24. A method as in claim 23, wherein said profile is continuously developed by
8 said user accessing links.

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10 25. A method as in claim 23, wherein said identifiers comprise interest-
11 identifying information.

12

13 26. A method as in claim 23, further comprising:

14 (j) presenting said user with varied amounts and / or organization of
15 multimedia data and information in accordance with the developed profile.

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17 27. A method as in 26, further comprising:

18 (k) updating said profile periodically.

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20 28. A method as in claim 24, wherein said recorded links are stored in
21 memory.

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23 29. A method as in claim 27, further comprising:

24 (l) categorizing and organizing said associated specific interest groups
25 to develop a general profile of all users interests.

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1 30. A system as in claim 1, wherein users are given the option of requesting
2 transmission of a data block, said request causing transmission of said data
3 block by said transmitter.

